

2007 Daily Values

MERAMEC RIVER AT EUREKA, MO (MEEU/MR E)

Location: LAT. 38-30-21, LONG. 90-35-30, IN SE 1/4 SEC. 32, T. 44 N., R.4 E., ST. LOUIS COUNTY, HYDROLOGIC UNIT 07140102, ON RIGHT BANK, 44 FT UPSTREAM FROM BRIDGE ON NORTH ACCESS ROADWAY OF I-44, 2.0 MI EAST OF EUREKA, 3.0 MI DOWNSTREAM FROM BIG RIVER AND AT MILE 34.1.

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED AND OPERATED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. MAINTAINED IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY.

General Information: DRAINAGE AREA, 3,788 SQUARE MILES. FLOOD STAGE, 18.0 FEET.

Records Available: STAGE, 1960 TO 1963, 1970 TO DATE, IN FILES OF CORPS OF ENGINEERS. DISCHARGE PUBLISHED BY THE U.S. GEOLOGICAL SURVEY.

Mean Stage: PERIOD OF RECORD, 3.93 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 45.56 FT ON 21 JAN 1991 & PERIOD OF RECORD, DAILY LOW OF -0.08 FT ON 15 DEC 1989 .

Zero Gage Datum: 404.18 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		3.51	5.17	7.44	3.86	2.88						
2		3.36	4.68	9.40	3.96	2.85						
3		3.25	4.39	7.43	4.03	2.80						
4	3.09	3.10	4.18	6.50	4.74	2.75						
5	3.08	3.06	3.94	5.39	6.56	2.75						
6	3.05	2.98	3.67	4.79	8.66	2.99						
7	3.01	2.99	3.51	4.37	7.00	2.80						
8	2.99	2.92	3.37	4.04	5.62	2.63						
9	2.96	2.87	3.27	3.80	4.82	2.55						
10	2.90	2.83	3.20	3.63	4.35	2.45						
11	2.87	2.79	3.13	4.11	4.45	2.47						
12	2.83	2.76	3.07	4.40	4.01	2.75						
13	7.97	2.81	3.03	4.18	3.72							
14	9.38	3.63	2.99	4.68	3.74							
15	15.58	5.01	3.04	8.47	3.50							
16	17.35	4.98	3.09	13.15	3.79							
17	15.66	4.47	3.00	12.81	3.38							
18	10.50	4.03	2.94	7.88	3.33							
19	7.17	3.79	2.98	6.25	3.33							
20	5.94	3.90	2.88	5.40	3.11							
21	5.22	3.67	2.94	4.86	3.00							
22	4.92	3.53	3.19	4.44	2.94							
23	5.12	3.43	6.50	4.15	2.92							
24	5.53	3.33	6.56	3.91	2.84							
25	5.46	7.08	6.36	3.91	2.72							
26	4.97	7.49	5.07	3.95	2.71							
27	4.70	7.49	4.49	3.95	2.82							
28	4.38	6.19	4.04	4.47	2.97							
29	4.05	----	3.79	4.34	2.93							
30	3.86	----	4.29	4.10	2.93							
31	3.64	----	6.63	----	2.96	----			----		----	
The following statistics are based on observations occurring in 2007 only.												
Mean	6.01	3.97	3.98	5.67	3.93	2.72						
Max	17.35	7.49	6.63	13.15	8.66	2.99						
Min	2.83	2.76	2.88	3.63	2.71	2.45						
Day	28	28	31	30	31	12	0	0	0	0	0	0

The Mean STAGE for the Year was: 4.55
The Highest STAGE for the Year was: 17.35 which occurred on: 01-16-2007
The Lowest STAGE for the Year was: 2.45 which occurred on: 06-10-2007
The Total Number of Days for the Year was: 160

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.